

Appl. No. 09/251,172
Amdt. dated 8/12/2004
Reply to Office Action dated 7/12/2004

IN THE CLAIMS

Claims 1-64 are canceled.

65. [Currently Amended] A field emission display method comprising:

- providing a monolithic semiconductive substrate;
- providing ~~[[an]]~~ a luminescent member spaced from and opposite the monolithic semiconductive substrate;
- forming a plurality of emitter regions using the monolithic semiconductive ~~substrates~~ substrate;
- electrically isolating the plurality of emitter regions from one another;
- providing a plurality of emitters within individual ones of the emitter regions;
- providing a plurality of address circuits for respective ones of the emitter regions and individually comprising row circuitry and column circuitry;
- coupling individual ones of the address circuits with emitters of respective individual ones of the emitter regions;
- using the respective address circuits, providing an electrical potential across selected ones of the emitters of the respective emitter regions; and
- responsive to the electrical potential, emitting electrons from the selected emitters towards the luminescent member to generate an image.

66. [Previously Presented] The method of claim 65 wherein the providing the electrical potential comprises applying the electrical potential across different elevational portions of the selected emitters of the respective emitter regions.

Appl. No. 09/251,172
Amdt. dated 8/12/2004
Reply to Office Action dated 7/12/2004

67. [Previously Presented] The method of claim 65 further comprising:
providing a vacuum intermediate the monolithic semiconductive substrate and the luminescent member; and
passing the electrons through the vacuum towards the luminescent member after the emitting.

68. [Previously Presented] The method of claim 65 wherein the electrically isolating comprises etching the monolithic semiconductive substrate to define the emitter regions.

69. [Previously Presented] The method of claim 65 wherein the providing the emitters comprises forming the plurality of emitters to comprise bulk substrate material of the monolithic semiconductive substrate.

70. [Previously Presented] The method of claim 65 wherein the luminescent member comprises a face plate.

71. [Previously Presented] The method of claim 65 wherein the luminescent member comprises a phosphor material configured to generate the image responsive to the reception of the electrons.

Appl. No. 09/251,172
Amdt. dated 8/12/2004
Reply to Office Action dated 7/12/2004

72. [Previously Presented] The method of claim 65 wherein the address circuits are individually configured to address the emitters of individual ones of the respective emitter regions independent of others of the address circuits.

73. [Previously Presented] The method of claim 65 wherein the providing the emitters comprises etching bulk semiconductive material of the monolithic semiconductive substrate.

74. [Previously Presented] The method of claim 65 wherein the row circuitry and the column circuitry of an individual one of the address circuits comprise a plurality of address lines arranged orthogonal with respect to one another within the respective one of the emitter regions.

75. [Previously Presented] The method of claim 65 wherein the coupling of the address circuits with the emitters of the respective emitter regions comprises configuring individual ones of the address circuits to address the emitters of the respective emitter region independent of addressing of the emitters of others of the emitter regions using others of the address circuits.

Cancel claims 76-110.